

HDC 10B TSBU 1M20G**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Version	HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20
Order No.	1787560000
Type	HDC 10B TSBU 1M20G
GTIN (EAN)	4032248204908
Qty.	1 pc(s).

HDC 10B TSB 1M20G

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Technical data

Dimensions and weights

Depth	73 mm	Depth (inches)	2.874 inch
Height	52 mm	Height (inches)	2.047 inch
Net weight	142 g	Width	58.5 mm
Width (inches)	2.303 inch		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1	
Chemical resistance	Substance	Acetone
	Chemical resistance	Conditionally resistant
	Substance	Drilling oil
	Chemical resistance	Resistant
	Substance	Diesel
	Chemical resistance	Resistant
	Substance	Ethyl alcohol
	Chemical resistance	Resistant
	Substance	Transmission oil
	Chemical resistance	Resistant
	Substance	Hydraulic oil
	Chemical resistance	Resistant
	Substance	Coolant
	Chemical resistance	Resistant
	Substance	Petroleum benzine
	Chemical resistance	Resistant
	Substance	Sweat
	Chemical resistance	Resistant
	Substance	Premium gasoline
	Chemical resistance	Conditionally resistant
Substance	Water	
Chemical resistance	Resistant	
Substance	UV	
Chemical resistance	Unstable	
Substance	Ozone	
Chemical resistance	Unstable	

Dimensions

Cable entry	w. threading	Height of housing B	52 mm
Total length housing	73 mm	Width housing C	43 mm

General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection degree	IP65 (in plugged condition)
Surface finish	Powder coating	Tightening torque	1.2 Nm

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Technical data

Version

Cable entry	w. threading	Clamp version	Side-locking clamp
Design	Standard	Design of housing	Cable entry from side, Plug housing
Design of locking system	Side-locking clamp on lower side	Internal thread	M 20
Number of cable entry on top	0	Number of cable entry sideways	1
Size	4	Size of cable entries	M 20
Suitable for ModuPlug®	No	Tightening torque	1.2 Nm
Top part/bottom part/lid	upper part	Type	Plug

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ECLASS 9.0	27-44-02-02	ECLASS 9.1	27-44-02-02
ECLASS 10.0	27-44-02-02	ECLASS 11.0	27-44-02-02

Approvals

Approvals



ROHS	Conform
UL File Number Search	E92202

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
Technical Documentation	1787560000_HDC_10B_TSBU_1M20G_STP_Blatt_1.pdf

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Drawings

